

ABSTRACT

To provide a protein forming a CAP-Gly-like domain, which forms a meaningful domain in three-dimensional structure analysis, information concerning the structure thereof, etc.

There are provided (1) a protein comprising an amino acid sequence represented by SEQ ID NO:1 or a salt thereof; (2) a protein comprising an amino acid sequence represented by any one of SEQ ID NOS:3, 5, 7, and 9 or a salt thereof; (3) a protein comprising an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO:7 by deletion of 0 to 10 amino acid residues from the N-terminal and deletion of 0 to 5 amino acid residues from the C-terminal and having 92 to 106 amino acid residues, or a salt thereof; (4) a protein comprising an amino acid sequence derived from an amino acid sequences of any one of the proteins (1), (2) and (3) and having deletion, substitution or addition of one to several amino acids and having a function substantially identical with that of protein (1), (2) or (3), or a salt thereof; a production method thereof; polynucleotides encoding the same; antibodies against the above proteins; a screening method using the same; and a screening method using the three-dimensional structure thereof.